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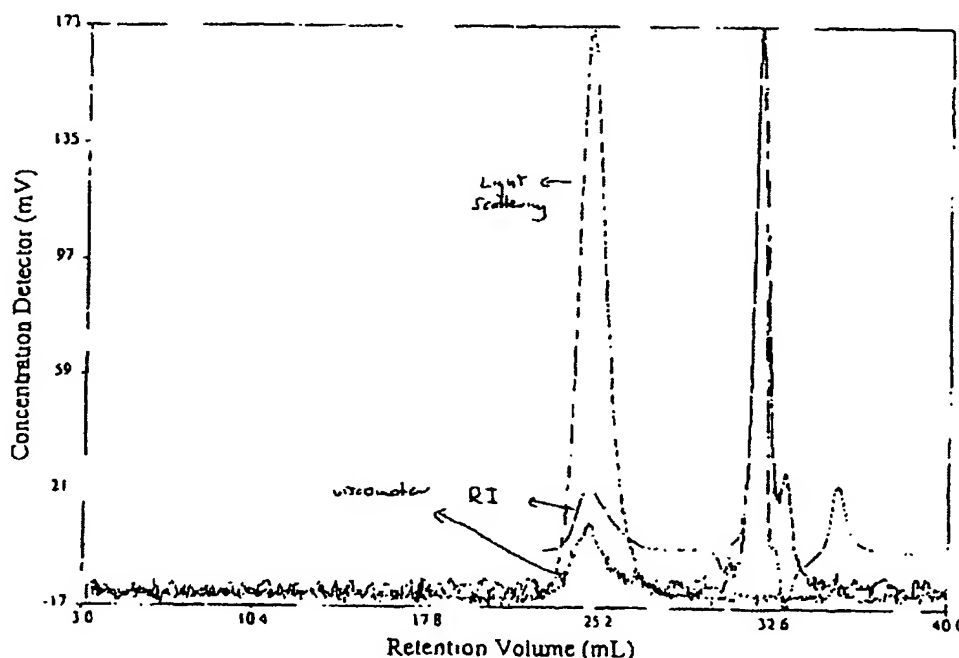
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(54) Title: POLYMERIZATION OF PHOSPHAALKENES



(57) **Abstract:** Methods for polymerization of phosphalkenes using initiators are provided. Also provided are polymers and co-polymers in which the polymer backbone contains tracts of carbon and phosphorus atoms in approximately equimolar amounts. C-P bonds in the polymers of this invention may be predominantly in a head-to-tail arrangement or mixed arrangements. Co-polymers may comprise polyolefin monomer units.

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